## **EAST Search History**

## EAST Search History (Prior Art)

| Ref<br># | Hits   | Search Query                                      | DBs                          | Default<br>Operator | Plurals | Time Stamp          |
|----------|--------|---|------------------------------|---------------------|---------|---------------------|
| S1       | 3773   | (alkali or<br>alkaline) with<br>(fuel near2 cell) | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2009/09/21<br>22:50 |
| S2       | 30815  | (solid or<br>polymer) near2<br>membrane           | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2009/09/21<br>22:50 |
| S3       | 572542 | hydroxide   | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2009/09/21<br>22:50 |
| S4       | 613    | quaternary<br>near3<br>ammonium<br>near3 function | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2009/09/21<br>22:51 |
| S5       | 2      | S1 and S2 and<br>S3 and S4                        | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2009/09/21<br>22:51 |

## EAST Search History (Interference)

| Ref# | Hits   | Search Query                                      | DBs                             | Default<br>Operator | Plurals | Time Stamp          |
|------|--------|---|---------------------------------|---------------------|---------|---------------------|
| S6   | 3150   | (429/42,33).CCLS.                                 | US-<br>PGPUB;<br>USPAT;<br>UPAD | OR                  | OFF     | 2009/09/21<br>22:54 |
| S7   | 3587   | (alkali or alkaline)<br>with (fuel near2<br>cell) | US-<br>PGPUB;<br>USPAT;<br>UPAD | OR                  | ON      | 2009/09/21<br>22:55 |
| S8   | 31244  | (solid or polymer)<br>near2 membrane              | US-<br>PGPUB;<br>USPAT;<br>UPAD | OR                  | ON      | 2009/09/21<br>22:55 |
| S9   | 469258 | hydroxide   | US-<br>PGPUB;<br>USPAT;<br>UPAD | OR                  | ON      | 2009/09/21<br>22:55 |

| S10 | 114931 | quaternary near3<br>ammonium       | US-<br>PGPUB;<br>USPAT;<br>UPAD | OR | 2009/09/21<br>22:55 |
|-----|--------|------------------------------------|---------------------------------|----|---------------------|
| S11 | 17     | S6 and S7 and S8<br>and S9 and S10 | US-<br>PGPUB;<br>USPAT;<br>UPAD | OR | 2009/09/21<br>22:55 |

9/22/2009 3:15:38 PM

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